C2 - Data Analysis

C-DAT-200

RUSH Data Exploratory

Better nerf Irelia ?

{EPITECH.}

RUSH Data Exploratory

TECH 1 : LAISSEZ NOUS PARTIR EN VACANCE

Moi : Organisons un Summer-Camp DATA IA

Dataset

Let's dive into League of Legends e-sport data.

The CSVs are containing match data from the LCS, LEC, LCK, LPL, PCS, CBLoL, and many more leagues from 2014 to 2021

For each match, you have details for each player (gold, damage, KDA, etc) then a sumary line for each team (that means **a total of 12 rows for each game**)

Download : https://epitechfr.sharepoint.com/:f:/s/Peda/EtcT_65PEqxAu7v8x1F8ep4BjcDwmGsedXmDH2SF9QYueA?e

Rush objective

You are **free to decide what analysis and charts you want to create**.

Getting started

These are **examples** of what you could do.

- What is the win/loose ration between red or blue side ?

- Does "first blood" have an impact on the result ?

- Which champion is the most banned ?

- Do placing more wards increase the win rate ?

- Within the same tournament, does banned champion win more their games when not banned ?

- Better KDA, most turrets detroyed, which impact the most the win ratio ?

Plotly & Dash

This is the perfect time to use professional Data Visualization such a **Plotly** (rather than Seaborn).

Plotly creates leading open-source data visualization and app building libraries for ML, data science and engineering.

Dash is a productive Python framework for building interactive frontend web analytic.

Dash is written on top of Flask, Plotly, and React.js, Dash is ideal for building data visualization apps with highly custom user interfaces in pure Python.